# Contents of volume 989

## No. 1

*Information for Contributors* *vii*

Structure and function of platelet-derived growth factor (PDGF) and related proteins
*M. Hannink and D.J. Donoghue (U.S.A.)* 1

Autologous bone-marrow transplantation in Non-Hodgkin's lymphomas
*A. Pedrazzini, A.S. Freedman and L.M. Nadler (U.S.A.)* 11

The structure and function of the homeodomain
*M.P. Scott, J.W. Tamkun and G.W. Hartzell III (U.S.A.)* 25

Genetic principles of tumor suppression
*M. Schwab (F.R.G.)* 49

Molecular aspects of the metastatic cascade
*I.R. Hart, N.T. Goode and R.E. Wilson (U.K.)* 65

Control of the higher eukaryote cell cycle by $p34^{cdc2}$ homologues
*C.J. Norbury and P. Nurse (U.K.)* 85

## No. 2

Enhancer function in viral and cellular gene regulation
*S.J. Marriott and J.N. Brady (U.S.A.)* 97

Myeloid haemopoietic growth factors
*A.D. Whetton and T.M. Dexter (U.K.)* 111

Soluble factors and cell-surface molecules involved in human B lymphocyte activation, growth and differentiation
*C.M. Steel and D. Hutchins (U.K.)* 133

The role of major histocompatibility complex class I antigens in tumorigenesis: future applications in cancer therapy
*L.A. Napolitano, J. Vogel and G. Jay (U.S.A.)* 153

Topoisomerase-targeting antitumor drugs
*P. D'Arpa and L.F. Liu (U.S.A.)* 163

Oncogenes, growth factors and hematopoietic cell transformation
*J.H. Pierce (U.S.A.)* 179

*abl* genes
*L. Ramakrishnan and N. Rosenberg (U.S.A.)* 209

## No. 3

AIDS: The anatomy of an epidemic
*W.J.W. Morrow (U.S.A.)* 225

The HIV epidemic: medical and social challenges
*P.A. Volberding and J.A. McCutchan (U.S.A.)* 227

Characteristics of HIV infection and pathogenesis
*L.A. Evans and J.A. Levy (U.S.A.)* 237

HIV infection and the immune system
*Q.J. Sattentau (U.K.)* 255

The molecular biology of the human immunodeficiency virus
*M.-L. Hammarskjöld and D. Rekosh (U.S.A.)* 269

The gp120-CD4 interface: structural, immunological and pathological considerations
*T. Kieber-Emmons, B.A. Jameson and W.J.W. Morrow (U.S.A.)* 281

Strategies for developing vaccines against acquired immunodeficiency syndrome
*E.-M. Zhou and R.C. Kennedy (U.S.A.)* 301